

| Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|------|-----|------|-------------|--|--|----------------------|------------------|--------|
| 1 | BRS | L1 | 5790 | streptococcus adj (pyogenes or aureus or pneumoniae or agalactiae) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:01 | | 0 |
| 2 | BRS | L2 | 776 | polypeptide same (streptococcus adj (pyogenes or aureus or pneumoniae or agalactiae)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:02 | | 0 |
| 3 | BRS | L3 | 180 | sp36 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:03 | | 0 |
| 4 | BRS | L4 | 1 | 3 same antibody | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:03 | | 0 |
| 5 | BRS | L5 | 1 | (polypeptide same (streptococcus adj (pyogenes or aureus or pneumoniae or agalactiae))) same sp36 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:07 | | 0 |
| 6 | BRS | L6 | 11 | koenig adj scott.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:08 | | 0 |
| 7 | BRS | L7 | 0 | heinrichs adj jon.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:08 | | 0 |
| 8 | BRS | L8 | 31 | johnson adj leslie.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:09 | | 0 |
| 9 | BRS | L9 | 10 | adamou adj john.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:10 | | 0 |
| 10 | BRS | L10 | 1 | (6 or 8 or 9) and 2 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/12/1 6 13:10 | | 0 |

FILE 'HOME' ENTERED AT 13:12:47 ON 16 DEC 2002

=> file medline caplus biosis embase scisearch agricola
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 13:13:18 ON 16 DEC 2002

FILE 'CAPLUS' ENTERED AT 13:13:18 ON 16 DEC 2002
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FILE 'AGRICOLA' ENTERED AT 13:13:18 ON 16 DEC 2002

=> s streptococcus (w) (pyrogenes or aureus or pneumoniae or agalactiae)
L1 73683 STREPTOCOCCUS (W) (PYROGENES OR AUREUS OR PNEUMONIAE OR AGALACTI
AE)

=> s l1 (p) polypeptide
L2 471 L1 (P) POLYPEPTIDE

=> s l2 (p) sp36
L3 1 L2 (P) SP36

=> d l3 1 ibib abs

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:152723 CAPLUS
DOCUMENT NUMBER: 134:206562
TITLE: Homologs of a pneumococcal protein and fragments for
vaccines
INVENTOR(S): Koenig, Scott; Heinrichs, Jon; Johnson, Leslie Sydnor;
Adamou, John E.
PATENT ASSIGNEE(S): Medimmune, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|----------------------------|----------|
| WO 2001014421 | A1 | 20010301 | WO 2000-US23417 | 20000825 |
| W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| EP 1210366 | A1 | 20020605 | EP 2000-959433 | 20000825 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | |
| PRIORITY APPLN. INFO.: | | | US 1999-150750P P 19990825 | |
| | | | WO 2000-US23417 W 20000825 | |

AB The invention is directed to isolated ***polypeptides*** bearing sequence homol. to the ***Sp36*** protein found in pneumococcal organisms, such as ***Streptococcus*** ***pneumoniae***. Polynucleotides encoding such ***polypeptides*** are also disclosed. The invention also relates to antibodies specific for the disclosed ***polypeptides*** and to uses of such antibodies in the treatment of diseases caused by staphylococci as well as group A and B streptococci. In addn., the invention relates to the use of the disclosed ***polypeptides*** in compns. and as vaccines and for prophylactic uses such as in vaccination of animals, esp. humans, against a wide variety of streptococcal, staphylococcal and other diseases.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 13:12:47 ON 16 DEC 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 13:13:18 ON 16 DEC 2002

L1 73683 S STREPTOCOCCUS (W) (PYROGENES OR AUREUS OR PNEUMONIAE OR AGALA
L2 471 S L1 (P) POLYPEPTIDE
L3 1 S L2 (P) SP36

=> log y

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 18.35 | 18.56 |

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| -0.62 | -0.62 |

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STN INTERNATIONAL LOGOFF AT 13:15:49 ON 16 DEC 2002